

Recombinant Rat Agtr1a protein, His & GST-tagged

Cat. No. Agtr1a-1768R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Agtr1a aa. (Asp263~Glu359 (Accession # P25095)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp263~Glu359
Description	Receptor for and mediator of vascular remodeling effects of angiotensin II.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Agtr1a angiotensin II receptor, type 1a [*Rattus norvegicus* (Norway rat)]

Official Symbol

Agtr1a

Synonyms

Agtr1a; angiotensin II receptor, type 1a; AT1; AT1A; AT1R; Agtr1; type-1A angiotensin II receptor; angiotensin II type-1A receptor; angiotensin receptor 1a; vascular type-1 angiotensin II receptor

Gene ID

24180

mRNA Refseq

NM_030985.4

Protein Refseq

NP_112247.2

UniProt ID

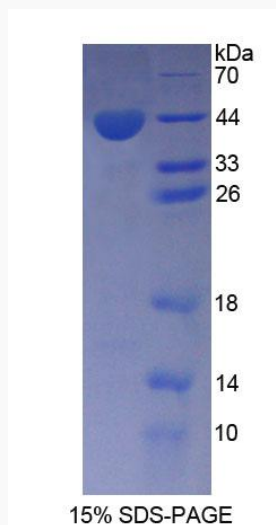
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SDS-PAGE



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